

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 68   | ep adj "1215526"<br>"4678279" "6250775" ep<br>adj "800036" wo adj<br>"2003077004" "5400224"<br>wo adj "2000077447"<br>"6173609" "6504984" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:07 |
| L2    | 2    | "20070217189"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:11 |
| L3    | 2661 | 362/217,223,224.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:12 |
| L4    | 1269 | 3 and @ad<"20031217"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:12 |
| L5    | 1555 | 362/311.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:39 |
| L6    | 717  | 5 and @ad<"20031217"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:39 |
| L7    | 753  | 362/612,615.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:50 |
| L8    | 287  | 7 and @ad<"20031217"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:50 |
| L9    | 1426 | 362/26,27.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/03/20<br>09:58 |

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| L10 | 972 | 9 and @ad<"20031217"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>09:58 |
| L11 | 654 | 362/559,560.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>10:09 |
| L12 | 439 | 11 and @ad<"20031217"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>10:09 |
| L13 | 490 | 362/555.ccls. and<br>@ad<"20031217"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>10:39 |
| L14 | 10  | ("20010019480"  <br>"5276591"   "5283673"  <br>"5400224"   "6357903"  <br>"6357904"   "6375335"  <br>"6461007"   "6520655"  <br>"6545732").PN. OR<br>("6851816").URPN. | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>11:00 |
| L15 | 14  | ("4907132"   "4961617"  <br>"4989933"   "5345531"  <br>"5400224"   "5416875").<br>PN. OR ("5617497").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>11:01 |
| L16 | 0   | ("2004/0257802").URPN.   | USPAT   | OR | OFF | 2008/03/20<br>11:04 |
| L17 | 5   | ("5673122"   "5969343"  <br>"6046826").PN. OR<br>("6646769").URPN.   | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>11:04 |
| L18 | 6   | ("3544785"   "4020335"  <br>"4521838"   "5934792"  <br>"6149285").PN. OR<br>("6641285").URPN.  | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>11:04 |
| L19 | 16  | ("3791058"   "4562515"  <br>"4727459"   "4864475"  <br>"5016143"   "5307244"  <br>"5416674"   "5442526").<br>PN. OR ("6149285").<br>URPN.                              | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>11:05 |
| L20 | 10  | ("4580200").PN. OR<br>("6135613").URPN.  | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>11:05 |

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|-----|----|--|---------------------------|----|-----|---------------------|
| L21 | 32 | ("2135696"   "2363109"  <br>"2581959"   "3358167"  <br>"3453470"   "3602759"  <br>"3720826"   "3808495"  <br>"4048537"   "4916352"  <br>"4924368"   "5173637").<br>PN. OR ("5536998").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:06 |
| L22 | 10 | ("4432044"   "4803399"  <br>"5038259").PN. OR<br>("5101330").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:38 |
| L23 | 1  | ("2005/0122742").URPN.   | USPAT                     | OR | OFF | 2008/03/20<br>11:38 |
| L24 | 7  | ("5810463"   "6204938"  <br>"6206534"   "6461007"  <br>"6540368"   "6786626").<br>PN. OR ("6966664").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:39 |
| L25 | 22 | ("3829675"   "3892959"  <br>"4630895"   "5136480"  <br>"5377084"   "5432876"  <br>"5521342"   "5521797"  <br>"5598280"   "5613751"  <br>"5775791"   "5779338"  <br>"5786665"   "5845038"  <br>"5895115"   "5961198"  <br>"5995288"   "6565225").<br>PN. OR ("6910783").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:39 |
| L26 | 2  | ("5743616"   "6031958").<br>PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:40 |
| L27 | 8  | ("6520655").URPN.  | USPAT                     | OR | OFF | 2008/03/20<br>11:40 |
| L28 | 63 | ("4111520"   "4298869"  <br>"4376946"   "4597033"  <br>"4607317"   "4767172"  <br>"4785567"   "4891896"  <br>"4976057"   "4996632"  <br>"5057981"   "5151679"  <br>"5201020"   "5219217"  <br>"5301090"   "5303133"  <br>"5365411"   "5375043"  <br>"5410453"   "5416679"  <br>"5459955"   "5475786"  <br>"5497440"   "5526236"  <br>"5537297"   "5588236"  <br>"5613751"   "5618096"  <br>"5640792"   "5694513"  <br>"5842297"   "5876107"  <br>"5879076"   "5887968"  <br>"5921652"   "5934792"  <br>"5950340"   "5964518" | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:40 |

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|-----|----|---|---------------------------|----|-----|---------------------|
|     |    | "5996263"   "6023869"  <br>"6042248"   "6065846"  <br>"6076294"   "6079838"  <br>"6095673"   "6123442"  <br>"6146006"   "6158882"  <br>"6186645"   "6193385"  <br>"6204899"   "6283612"  <br>"6354714"   "6361186"  <br>"6394623"   "6404131"  <br>"6488397"   "6676284").<br>PN. OR ("6874924").<br>URPN.  |                           |    |     |                     |
| L29 | 4  | ("2002/0131275").URPN.  | USPAT                     | OR | OFF | 2008/03/20<br>11:42 |
| L30 | 8  | ("20020034071"  <br>"20020141201"  <br>"5664862"   "6367941"  <br>"6461007").PN. OR<br>("6601984").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:42 |
| L31 | 18 | ("5678334"   "5879076"  <br>"6123442"   "6146006"  <br>"6267492").PN. OR<br>("6550952").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:42 |
| L32 | 18 | ("3955015"   "3973058"  <br>"4784877"   "4800048"  <br>"5339382"   "5542017"  <br>"5645899"   "5982969"  <br>"6139174"   "6169836").<br>PN. OR ("6488397").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:43 |
| L33 | 47 | ("3328570"   "3680546"  <br>"3712705"   "3807393"  <br>"3890960"   "3901674"  <br>"3950073"   "4043636"  <br>"4052980"   "4226228"  <br>"4337763"   "4471412"  <br>"4562832"   "4597030"  <br>"4686972"   "4714983"  <br>"4733332"   "4765701"  <br>"4785796"   "4790751"  <br>"4790752"   "4807599"  <br>"4968124"   "5005108"  <br>"5035232"   "5039198"  <br>"5052778"   "5097396"  <br>"5136480"   "5159921"  <br>"5209757"   "5226105"  <br>"5237985"   "5281134"  <br>"5295216"   "5303323"  <br>"5307245"   "5312569"  <br>"5312570"   "5394863"  <br>"5431153"   "5499912"  <br>"5520611"   "5571215"  <br>"5618096"   "5982969").<br>PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:44 |

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|-----|----|--|------------------------|----|-----|------------------|
| L34 | 28 | ("3278283"   "3554721"   "3615313").PN. OR ("3901674").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 11:46 |
| L35 | 25 | ("0620592"   "1626037"   "3894689"   "4749126"   "4811171"   "4901922"   "4975811"   "5067059"   "5067653"   "5115973"   "5171429"   "5249744"   "5664864").PN. OR ("6132056").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 11:47 |
| L36 | 41 | ("4422719"   "4666640"   "4733332"   "4806289"   "5799124").PN. OR ("5982969").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 11:47 |
| L37 | 26 | ("4255042"   "4287414"   "4868383"   "4901207"   "5258858"   "5335158"   "5367596"   "5418384"   "5499112"   "5534718"   "5607227"   "5612811"   "5660461"   "5806955"   "5808295"   "5818033"   "5905583"   "5959740"   "5969343"   "6072171"   "6127675"   "6204938").PN. OR ("6268600").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 11:49 |
| L38 | 29 | ("2713629"   "3635832"   "4733332"   "4779166"   "4888635"   "4924357"   "5128846"   "5257340"   "5747832"   "5753906"   "5803579").PN. OR ("6139174").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 11:50 |
| L39 | 29 | ("4171844"   "4885663"   "4907132"   "5021928"   "5363470"   "5432876"   "5659643").PN. OR ("5845038").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 11:51 |
| L40 | 43 | ("4858088"   "5343375"   "6158882").PN. OR ("6361186").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 11:52 |

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| L41 | 62 | ( "3666180"   "4262327"  <br>"4322781"   "4430692"  <br>"4623217"   "4706169"  <br>"4733332"   "4740870"  <br>"4751617"   "4786127"  <br>"4811172"   "4826273"  <br>"4868718"   "4871487"  <br>"4887190"   "4930049"  <br>"4954930"   "4957347"  <br>"5021929"   "5060119"  <br>"5143435"   "5163745"  <br>"5170454"   "5217290"  <br>"5222794"   "5228765"  <br>"5276594"   "5278731"  <br>"5311410"   "5321586"  <br>"5365413"   "5369555"  <br>"5406641"   "5422792"  <br>"5436806"   "5438485"  <br>"5446628"   "5452186"  <br>"5465194"   "5495400"  <br>"5537297"   "5573327"  <br>"5709653"   "5857761"  <br>"5898814").PN. OR<br>("6095673").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:53 |
| L42 | 5  | ( "5219217"   "5982969"  <br>"5987199"   "6095673"  <br>"6278827").PN. OR<br>("6769799").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:54 |
| L43 | 37 | ( "1150118"   "1275871"  <br>"1312312"   "1313622"  <br>"1385778"  <br>"20010043467"  <br>"20030085642"  <br>"20030095401"  <br>"20030189823"  <br>"20040154199"  <br>"20040202893"  <br>"20040244247"  <br>"2604711"   "3780462"  <br>"4382272"   "4607317"  <br>"4912605"   "5607222"  <br>"5654552"   "5757112"  <br>"5879076"   "5997150"  <br>"6183102"   "6276634"  <br>"6361186"   "6471388"  <br>"6554448"   "6653765"  <br>"6676284"   "6828043").<br>PN. OR ("7192161").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:54 |
| L44 | 77 | "362"/.clas. and leaky   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/03/20<br>11:55 |

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|-----|-----|---------------------------------|---|----|-----|---------------------|
| L45 | 44  | 44 and @ad<"20031217"           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>11:55 |
| L46 | 474 | "385"/.clas. and leaky          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>11:57 |
| L47 | 351 | 46 and @ad<"20031217"           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>11:57 |
| L48 | 22  | "6173609"                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>12:04 |
| L49 | 3   | "6504984"                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>12:05 |
| L50 | 28  | "362"/.clas. and striation      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>12:46 |
| L51 | 187 | "362"/.clas. and striation      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/03/20<br>12:47 |
| L52 | 122 | 51 and @ad<"20031217"           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>12:47 |
| L53 | 2   | ("4422719"   "4805984").<br>PN. | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>14:04 |
| L54 | 73  | "385"/.clas. and striation      | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON  | 2008/03/20<br>14:52 |
| L55 | 19  | "5400224"                       | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON  | 2008/03/20<br>14:54 |
| L56 | 12  | "4678279"                       | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON  | 2008/03/20<br>14:57 |
| L57 | 2   | "6250775"                       | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON  | 2008/03/20<br>14:58 |

|     |     |   |   |    |     |                     |
|-----|-----|---|---|----|-----|---------------------|
| L58 | 294 | 362/623,625,626.ccls.   | US-PGPUB;<br>USPAT; USOCR                                   | OR | ON  | 2008/03/20<br>14:59 |
| L59 | 159 | 58 and @ad<"20031217"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/03/20<br>14:59 |
| L60 | 8   | ("3832541"   "5363294"  <br>"5857761"   "6347873"  <br>"6435686").PN. OR<br>("6612710").URPN. | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>15:04 |
| L61 | 4   | ("20020030650"  <br>"6473554"   "6554440"  <br>"6669350").PN.                                 | US-PGPUB;<br>USPAT; USOCR                                   | OR | OFF | 2008/03/20<br>15:06 |

3/20/2008 4:05:11 PM

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